



## Dongfeng 8200 Liter Water Tank Fire Truck 2WD Rear Drive Diesel 6-Seater 4x2 Manual Transmission

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Fushunt
- Model Number: Dongfeng 8200 liter water tank fire truck 2WD rear drive diesel 6-seater 4x2 manual transmission
- Minimum Order Quantity: 1 vehicle
- Price: \$70,000-\$90,000Dollar
- Packaging Details: Complete vehicle
- Delivery Time: 5-8 work days
- Payment Terms: T/T
- Supply Ability: 1000 vehicle



### Product Specification

- Body: Steel
- Cab: Enclosed
- Cabin: Crew Cab
- Color: Red
- Communication System: Two-way Radio
- Emergency Lights: LED
- Engine Type: Diesel
- Horsepower: 500 Hp
- Ladder: Extendable
- Pump Capacity: 500-5000 Gallons Per Minute
- Safety: High
- Size: Large
- Speed: High
- Storage: Large
- Tires: Heavy Duty



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### Paragraph 1: Definition and Purpose

A water tank fire truck is a specialized vehicle designed for firefighting operations. Its primary purpose is to transport and supply a large volume of water to the fire scene for fire suppression. Water tank fire trucks play a crucial role in extinguishing fires in buildings, urban areas, and wildland environments.

### Paragraph 2: Vehicle Body and Structure

Water tank fire trucks feature a robust body and specialized structural design. The body is constructed using durable materials to withstand the rigors of firefighting operations. It is typically mounted on a heavy-duty chassis to provide stability and support for the water tank and firefighting equipment. The body may also have compartments for storing additional firefighting tools and equipment.

### Paragraph 3: Water Tank and Pumping System

The water tank is a key component of a water tank fire truck. It is designed to store a significant amount of water for fire suppression purposes. The tank is often made of corrosion-resistant materials to maintain water quality and prevent contamination. Water tank fire trucks are equipped with powerful pumps and spraying systems that can draw water from the tank and deliver it to the fire scene at high pressure for effective firefighting.

### Paragraph 4: Control and Operation Systems

Water tank fire trucks are equipped with control and operation systems to facilitate firefighting operations. These systems include control panels and levers in the driver's cabin, allowing the operator to start, stop, and regulate the water pump and adjust the water flow pressure. Some trucks may also have LCD displays and controllers for monitoring the status of the water tank and pump, providing operational guidance.

### Paragraph 5: Safety and Convenience Features

Water tank fire trucks are equipped with various safety and convenience features to ensure the safety of firefighters and enhance operational efficiency. These features may include emergency lighting, sirens, non-slip steps, and emergency escape devices. Additionally, the driver's cabin is designed with ergonomic considerations, providing comfortable seating and easy access to controls. Some trucks may also have air conditioning systems to maintain a comfortable working environment.

**Summary:** A water tank fire truck is a specialized vehicle designed for firefighting operations. It features a robust body and specialized structural design, along with a water tank and pumping system. The water tank stores a large volume of water, while the pumping system delivers the water to the fire scene at high pressure. Control and operation systems enable firefighters to operate the truck and regulate the water flow. Safety and convenience features ensure the safety of firefighters and enhance operational efficiency.

### Main vehicle parameters:

Outside dimensions	8220×2550×3380mm
Maximum total mass	17450kg
Liquid carrying capacity	Water tanker truck carries 8200kg of water
maximum speed	90km/h
Fire pump rated flow	40L/s 1.0MPa
Rated flow rate of fire monitor	Water tanker: 40L/s 1.0MPa
fire cannon range	Water tanker: ≥65m
Specific power	169/17.45=9.68
Approach / departure angle	19°/11°
model	EQ1185DJ9CDF
manufacturer	Dongfeng Motor Co., Ltd.
Engine rated power	169kW
engine capacity	6200ml
Engine emission standards	GB3847-2005, GB17691-2018 Country VI
Drive form	4×2
Wheelbase	4700mm
Maximum allowed total weight	18000kg
structure	Flat head, four doors, original double row
Number of drivers and passengers	3+3 people
equipment	The original vehicle instrument panel is equipped with a fire control instrument panel and a warning light control box.
General layout	1. Alarm;
structure	2. Power take-off control switch and indicator light;
Equipment box	3. Additional power switch;
pump room	The vehicle is composed of two major parts: the firefighter's crew compartment and the body. The body layout adopts a three-piece structure, with the equipment box at the front, the tank in the middle, and the water pump room at the rear. The tank is a T-shaped tank.

Ladders and handles	The main frame structure is welded with high-quality square tubes, and the exterior decorative panels are welded with carbon steel plates. The anti-skid pattern plate on the roof is walkable, with flip pedals on both sides and anti-skid design (aluminum alloy square tubes are welded according to user needs).
capacity	The equipment box is located at the rear of the passenger compartment. There are aluminum alloy rolling shutter doors on both sides with lights inside. Storage boxes are provided in the equipment box according to needs. There is a tool box and rolling shutter door on the lower side skirt, which can store small tools.
Material	The pump room is located at the rear of the vehicle. There are aluminum alloy rolling shutter doors on both sides and behind. There are lights inside. Some commonly used equipment can be placed on both sides of the pump room.
tank fixed	The rear ladder adopts an aluminum alloy two-section flip ladder, which is no more than 450mm above the ground when in use. The handle of the vehicle is made of a grooved anti-slip round steel pipe with a plastic spray treatment on the surface.
Tank settings	8200kg (SG80)
	High quality carbon steel (thickness bottom plate 4mm, side plates 3mm, top plate 3mm)
	Flexible connection with subframe
	Manhole: 1 DN460 manhole cover with quick lock/open automatic pressure relief device
	Overflow port: 1 DN65 overflow port is provided
model	CB10/40-RS type normal pressure vehicle fire pump
form	Normal pressure centrifugal
Limited Data	40L/s@1.0MPa
Outlet rated pressure	1.0MPa
maximum suction depth	7m
water diversion device	Double piston vacuum pump
Water diversion time	Maximum suction depth ≤50s
Pipe material	High quality seamless carbon steel pipe
Suction pipeline	There is one DN125 water suction port on each side of the pump room.
Water injection pipeline	There is a DN65 water injection port on the left and right sides of the water tank, and a DN65 water pump is installed in the pump room to inject water into the tank.
Outlet pipe	There is one DN80 water outlet with stop valve on the left and right sides of the pump room.
Cooling water pipeline	Cooling water pipeline and control valve equipped with cooling power take-off
Water cannons	PS8/40W
manufacturer	Chengdu West Fire Machinery Co., Ltd.
Rotation angle	360° horizontal rotation
Maximum elevation/depression angle	Depression angle ≤ -15°, elevation angle ≥ +45°
flow	40L/S
range	Water ≥65m
Additional electrical	Set up independent circuit
Auxiliary lighting	The fireman's room, water pump room and equipment box are equipped with lights respectively, and the control panel is equipped with lighting, indicator lights, etc.
strobe light	Red and blue strobe lights are installed on both sides of the car body
warning device	Long row of red warning lights, installed on the top of the cab
	Siren, with control box under the driver's front
Fire scene lighting	Install a 35W fire searchlight on the rear of the bodysuit
Topcoat	High quality domestic paint
color	The main color of the outer surface of the car body is RO3 fire red





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